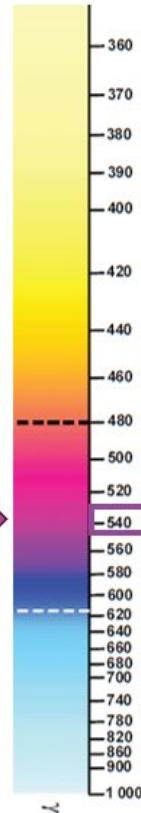
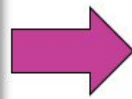
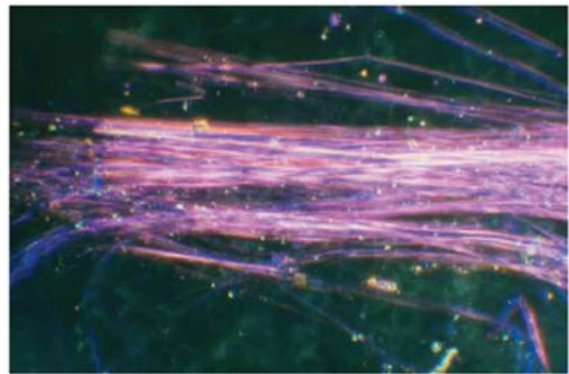


# Exhibit 47

# PLM Steps



ISO Reference Chrysotile



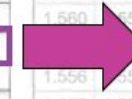
540nm



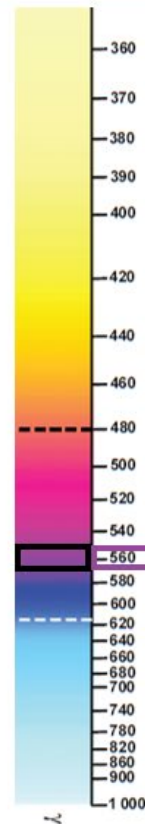
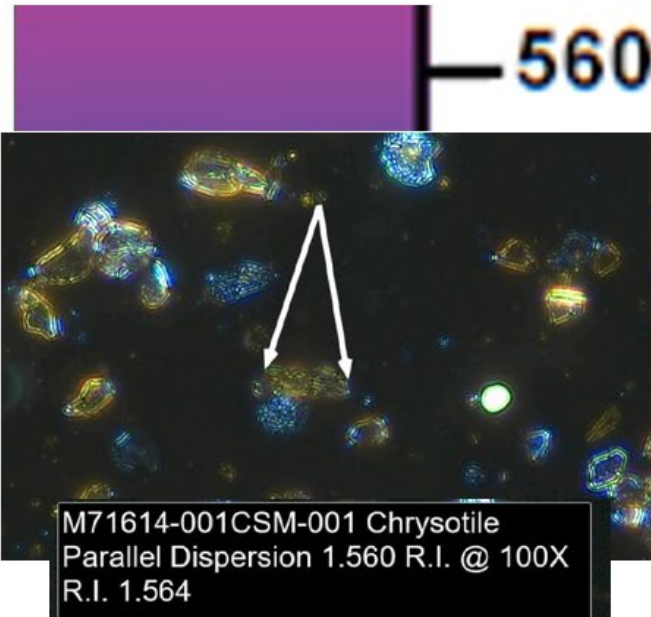
SU TABLES

Table 5.  $\lambda_m$  and  $t$  to RI Conversion for Chrysotile in Cargille 1.550 (E) — CORRECTED

$\lambda_m$ (nm)	$\gamma$						
	17° C	19° C	21° C	23° C	25° C	27° C	29° C
400	1.581	1.581	1.580	1.579	1.578	1.577	1.576
420	1.576	1.575	1.574	1.573	1.572	1.571	1.570
440	1.572	1.571	1.570	1.569	1.568	1.567	1.566
460	1.568	1.567	1.566	1.565	1.564	1.563	1.563
480	1.565	1.564	1.563	1.562	1.561	1.560	1.559
500	1.563	1.562	1.561	1.560	1.559	1.558	1.557
520	1.560	1.559	1.558	1.557	1.556	1.555	1.554
540	1.556	1.555	1.556	1.555	1.554	1.553	1.552
560	1.556	1.555	1.554	1.553	1.552	1.551	1.550
580	1.555	1.554	1.553	1.552	1.551	1.550	1.549
600	1.553	1.552	1.551	1.550	1.549	1.548	1.547
620	1.552	1.551	1.550	1.549	1.548	1.547	1.546
640	1.551	1.550	1.549	1.548	1.547	1.546	1.545
660	1.549	1.548	1.547	1.546	1.545	1.545	1.544
680	1.548	1.547	1.546	1.545	1.544	1.543	1.543
700	1.547	1.546	1.545	1.544	1.544	1.543	1.542
720	1.547	1.546	1.545	1.544	1.543	1.542	1.541
740	1.546	1.545	1.544	1.543	1.542	1.541	1.540



# MAS Is Calling This Particle Purple



560nm



SU TABLES

Chrysotile

in Cargille 1.560 (E)

$\lambda_m$ (nm)	$\gamma$						
	17°C	19°C	21°C	23°C	25°C	27°C	29°C
400	1.590	1.589	1.588	1.588	1.587	1.586	1.585
420	1.585	1.584	1.583	1.583	1.582	1.581	1.580
440	1.581	1.580	1.579	1.578	1.577	1.577	1.576
460	1.578	1.577	1.576	1.575	1.574	1.573	1.572
480	1.575	1.574	1.573	1.572	1.571	1.570	1.569
500	1.572	1.571	1.570	1.569	1.568	1.567	1.567
520	1.570	1.569	1.568	1.567	1.566	1.565	1.564
540	1.568	1.567	1.566	1.565	1.564	1.563	1.562
560	1.565	1.564	1.564	1.563	1.562	1.561	1.560
580	1.564	1.563	1.562	1.562	1.561	1.560	1.559
600	1.563	1.562	1.561	1.560	1.559	1.558	1.557
620	1.562	1.561	1.560	1.559	1.558	1.557	1.556
640	1.560	1.559	1.559	1.558	1.557	1.556	1.555
660	1.559	1.558	1.557	1.557	1.556	1.555	1.554
680	1.558	1.557	1.556	1.556	1.555	1.554	1.553
700	1.557	1.556	1.556	1.555	1.554	1.553	1.552
720	1.557	1.556	1.555	1.554	1.553	1.552	1.551
740	1.556	1.555	1.554	1.553	1.552	1.551	1.550